

2007 Daily Values

ILLINOIS RIVER AT PEARL (MANUALLY OBSERVED GAGE), IL (ILPE/I P43)

Location: LAT. 39-27-30, LONG. 90-36-38. AT MILE 43.2 ABOVE THE MOUTH OF THE ILLINOIS RIVER.

Gage: VERTICAL STAFF. OWNED, READ, AND MAINTAINED BY ST. LOUIS DISTRICT, CORPS OF ENGINEERS.

General Information: DRAINAGE AREA, 26,475 SQUARE MILES. FLOOD STAGE, 424.00 FEET. NOTE 1: LOCK & DAM 26 REACHED FULL POOL IN 1939 & AFFECTS ILLINOIS RIVER READINGS\*. NOTE 2: NO DATUM HAS BEEN ESTABLISHED.

Records Available: STAGE, 1873, 1878 TO 1881, 1885 TO 1938, 1942 TO DATE, IN FILES OF THE CORPS OF ENGINEERS.

Mean Elev: PERIOD OF RECORD, 421.84 FT . 01 JAN 1942 TO DATE, 422.97 FT .

Extreme Elev: PERIOD OF RECORD, DAILY HIGH OF 442.75 FT OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 04 AUG 1993 & PERIOD OF RECORD, DAILY LOW OF 412.39 FT OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 08 OCT 1879 . 01 JAN 1942 TO DATE, DAILY LOW OF 418.00 FT OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 18 DEC 1956 .

Zero Gage Datum: 0.00 ft NGVD. NOTE: SUBTRACT DATUM FROM ELEVATION TO OBTAIN STAGE.

ALL VALUES RECORDED AT 8AM. ELEVATION IN FT:

Day	Month											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	427.1	426.1	427.5	430.8	428.0	421.9						
2	427.1	425.8	428.2	431.0	428.2	421.7						
3	427.1	425.2	428.5	431.4	428.5							
4	427.1	425.1	429.0	431.5	428.6							
5	427.0	425.0	429.1	431.5	428.7							
6	427.0	425.0	429.4	431.5	428.8							
7	427.0	425.0	429.5	431.4	428.7							
8	426.9	426.3	429.6	431.1	428.5							
9	427.0	425.8	429.6	430.9	428.3							
10	427.2	425.8	429.5	430.6	428.3							
11	427.4	425.6	429.2	430.3	428.2							
12	427.4	425.8	429.6	430.1	427.8							
13	427.5	426.0	428.7	429.8	427.3							
14	427.5	425.9	428.5	429.5	426.9							
15	428.0	425.5	428.2	429.3	426.3							
16	428.1	425.3	428.0	429.0	425.8							
17	428.1	425.1	427.7	429.0	425.4							
18	428.2	424.1	427.6	429.0	424.9							
19	428.1	424.2	427.7	428.7	424.5							
20	428.2	424.9	427.5	428.4	424.0							
21	428.0	424.2	427.5	428.0	423.6							
22	428.3	424.1	427.5	427.7	422.3							
23	428.3	424.4	427.5	427.2	421.7							
24	428.2	425.8	427.5	426.8	421.3							
25	428.2	425.8	427.9	426.4	421.0							
26	428.0	426.5	428.2	426.2	420.7							
27	427.9	426.7	428.6	426.2	420.9							
28	427.6	427.2	429.0	426.6	421.2							
29	427.2	----	429.5	427.1	421.4							
30	426.9	----	430.0	427.5	421.7							
31	426.5	----	430.6	----	421.8	----			----		----	
The following statistics are based on observations occuring in 2007 only.												
Mean	427.5	425.4	428.6	429.1	425.3	421.8						
Max	428.3	427.2	430.6	431.5	428.8	421.9						
Min	426.5	424.1	427.5	426.2	420.7	421.7						
Day	31	28	31	30	31	2	0	0	0	0	0	0

The Mean ELEV for the Year was: 427.1

The Highest ELEV for the Year was: 431.5 which occurred on: 04-06-2007 04-05-2007 04-04-2007

The Lowest ELEV for the Year was: 420.7 which occurred on: 05-26-2007

The Total Number of Days for the Year was: 153

NOTICE: All data contained herein is preliminary in nature and therefore subject to change. The data is for general information purposes ONLY and SHALL NOT be used in technical applications such as, but not limited to, studies or designs. All critical data should be obtained from and verified by the United States Army Corps of Engineers. The United States Government assumes no liability for the completeness or accuracy of the data contained herein and any use of such data inconsistent with this disclaimer shall be solely at the risk of the user.